



# YANTRAMAN

## News Bulletin



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

AUGUST 2019 - JAN 2020

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### VISION

To inspire innovations so as to carve a niche in the field of Electronics and Communication Engineering by inculcating a spirit of creative thinking and train the students in present technologies to meet industrial as well as social needs.

### MISSION

To inspire innovations so as to carve a niche in the field of Electronics and Communication Engineering by inculcating a spirit of creative thinking and train the students in present technologies to meet industrial as well as social needs.

### PROGRAM EDUCATION OBJECTIVES

- ❖ Excel in professional career and/or higher education by acquiring required up to date knowledge in area of Electronics and Communication Engineering.
- ❖ Analyze real life problems, design appropriate systems to provide solutions that are technically sound, economically feasible and socially acceptable.
- ❖ Exhibit professionalism, ethical attitude, communication skills, team work in their profession and adapt to current trends by engaging in lifelong learning.

### HOD MESSAGE



**Prof. Gangadhara**  
Head of the Department

**“To an optimist glass is half full,  
to a pessimist is half empty**

**To an Engineer it is twice as big as it needs to be”**

It gives me a great pleasure to congratulate students, faculty and staff members of ECE department for the publication of the newsletter. This newsletter believed to be a focus of internal activities of the department. It highlights the academics, student and faculty achievements. It also summarizes the Technical and Non-technical activities conducted as well as participated by the department. This motivates students and faculty to share their views, ideas towards overall development of the department.

Wide spectrum of articles gives us the sense of pride that our students and faculties possess creative potential and unique thinking in ample measures. I applaud the contributors for the stimulated thoughts and varied hues in the articles contributed by them. I extend my thanks to Management, principal, editorial board and all contributors for the success of this newsletter.

## EDITORIAL BOARD

*Dear readers, the department magazine "YANTRAMAN" is ready to showcase the activities that are happening in the department. We feel privileged in presenting the edition of our department magazine. The purpose of the Magazine is to provide a platform to the students and staff to give expression to their original thoughts and thus develop an important aspect of their personality. This edition of "YANTRAMAN" has loads of information about the department activities including interviews with our staff. It also includes the student achievements in co-curricular and extra-curricular activities. These show their ability to tune physical skills and achieve a competency in sports and games.*

*We take this opportunity to thank all those authors who have contributed the articles and the members of the editorial board and designers. Lastly, We would like to place on record our gratitude and heartfelt thanks to all those who have contributed to make this effort a success.*

*Prof. Austin Pais, Editorial Board  
Staff Coordinator*

### STUDENT COORDINATOR

- **Mr. Kiran Paul** – VII Sem
- **Ms. Tasneem Afrida** – VII Sem
- **Mr. Sachin** - V Sem
- **Mr. Sourabh** – V Sem

## DEPARTMENTAL ACTIVITIES

- The Department of Electronics and Communication Engineering in association with ISTE Student Chapter inaugurated Student's Association ECHOLECTIC and a Technical talk on **"PCB Industry Eye Opener"** was organized on 24.8.2019. Mr.Venkatesh, Director, Brevera Technologies, Mangaluru was the resource person of the event.



- Three day Workshop on **"Arduino Programming Fundamentals & PCB Design using Proteus"** was conducted from 19th September – 21st September 2019 by our final year students. Elogic Techno Solutions owned by Mr. Vishnu Prakash, 7th Sem ECE and Mr. Siddhant Kotian VII Sem EEE were the resource persons.

- A Technical Talk on **"Professional Society for Electrical and Electronics Engineers"** was jointly organized by Department of ECE and Department of EEE on 24th September 2019. The resource person for the talk was Prof. Ashwini V.R, Senior Member IEEE, Student Branch counsellor, Canara Engineering College.



- A Campaign on **e-Waste Management** was organized in collaboration with ISTE Student chapter. This campaign was held from 8th October to 13th October 2019. The main objective of this campaign was to promote the correct dispose of the electrical and electronics waste.

Initiatives were undertaken by ECE department to increase consumer's knowledge about e-waste. Also a talk on "**Frontier technologies as an innovative tool for transforming waste to wealth**" was delivered by Dr R. G. D'Souza.



- A Workshop on "**Virtual Lab**" was held on 23rd October 2019 by the research scholars Ms. Shreshta and Ms. Sushmitha, NITK, Surathkal. Resource persons spoke about the Virtual Labs of NITK, which can be easily accessible from anywhere around the world. They also explained about aerial photography, use of IR cameras and so on.



- A Workshop on "**PCB Design using KiCAD**" was held on 24th October 2019. Mr.Vageesh S., Design Engineer, Brevera Technologies, Mangaluru was the resource person. He emphasized the need of PCB designing and on the advantages of using KiCAD, which facilitates as an integrated environment for schematic capture and PCB



- The Department of Electronics & Communication Engineering, YIT had organized TATVA 2K19: Mini- Project Exhibition and Competition for 5th semester ECE students on 11th November 2019 at YIT. The competition was held under ECHOLECTIC and ISTE Student Chapter, YIT to focus on the importance of project & practical implementations of innovative ideas in Electronics & Communication Engineering. 13 teams of 5th Semester ECE actively participated in this event.

## PLACEMENT DETAILS

- Department has a record of 11 students being placed in top companies as on December 2019. Their names are as follows

Sl.No	Name	Company
1	Vikas Kumar	SLK Software
2	Karthik	SPG, Japan
3	Kiran Paul	SLK Software
4	Vishnu Prakash	SPG, Japan
5	Vipul Kumar	Bosch
6	Krithi	Nettyfish
7	Hafiza	TCS
8	Thejaswini	SPG, Japan
9	Sharin Fernandes	Cognizant
10	Suraj Anchan	Cognizant
11.	Adarsh Suvarna	SPG, Japan / Bosch





## FACULTY ACHIEVEMENTS

- **Mr. Austin Pais completed an online course on “AI from Data Centre to the Edge-An optimized Path using Intel Architecture” certified by Intel.**
- **Mr. Austin Pais completed an online course on " Prioritizing Species" certified by National Geographic.**
- **Mr. Austin Pais attended an International Conference on "Future of Aviation " Aerospace” held by IIM-B along with Kempegowda International Airport (BIAL) and Toulouse School of Business (TSB), France.**
- **Mr. Austin Pais is selected for the role of Joint Secretary of Integrated Chamber of Commerce and Industry, New Delhi.**
- **Prof. Harsha C J completed 12 weeks NPTEL course on Digital Image Processing during July-Oct 2019 conducted by IIT-M and MHRD.**
- **Mr. Shashank Gowda has been elected as Section Managing Committee Member of ISTE KARNATAKA SECTION of the National Professional Body ISTE, NEW DELHI for the term 2020-24.**
- **Mr. Shashank Gowda completed 8 Week NPTEL course on Hardware Modeling using VERILOG during 26th Aug-18th Oct 2019, conducted by IIT Kharagpur under MHRD.**
- **Mr. Shashank Gowda attended 3 Day Employability Program on Innovations and Incubation: From Ideation to Realization from 6th to 8th September 2019 @ MITE, Moodbidri.**
- **Mr. Shashank Gowda was a Resource Person Successfully conducted a 5 Day Short Term Course on 'Arduino Programming Fundamentals and PCB Design using Proteus Design Suite 8.0' from 20th to 24th July 2019 at SNM Polytechnic, Moodbidri. 50 students of 3rd Year Electrical and Electronics Engineering of SNM Polytechnic were benefited.**
- **Mr. Shashank Gowda invited as a Resource person for Technical Talk on '3D Printing and Its Applications' at KVG Polytechnic, Sullia. Date: 21st September 2019. Organized by: Department of Mechanical Engineering, KVGP, Sullia.**
- **Mr. Shashank M Gowda conducted a 2 Day workshop as a Resource Person on 'Arduino Programming Fundamentals' at KVGP, Sullia on 21st and 23rd September 2019.**

## TOPPERS LIST

Sl. No.	Student Name	Semester	SGPA
1.	Sushmitha	VII Sem ECE	8.63
2.	Ms.Supreetha	V Sem ECE	9.15
3.	Ms.Fiza	III Sem ECE	8.75